



## Urbanization and its implications for food and farming

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### Abstract:

This paper discusses the influences on food and farming of an increasingly urbanized world and a declining ratio of food producers to food consumers. Urbanization has been underpinned by the rapid growth in the world economy and in the proportion of gross world product and of workers in industrial and service enterprises. Globally, agriculture has met the demands from this rapidly growing urban population, including food that is more energy-, land-, water- and greenhouse gas emission-intensive. But hundreds of millions of urban dwellers suffer under-nutrition. So the key issues with regard to agriculture and urbanization are whether the growing and changing demands for agricultural products from growing urban populations can be sustained while at the same time underpinning agricultural prosperity and reducing rural and urban poverty. To this are added the need to reduce greenhouse gas emissions and to build resilience in agriculture and urban development to climate change impacts. The paper gives particular attention to low- and middle-income nations since these have more than three-quarters of the world's urban population and most of its largest cities and these include nations where issues of food security are most pressing.

**Source:** <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2935117>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Security, Human Conflict/Displacement

**Food/Water Security:** Agricultural Productivity

#### Geographic Feature:

resource focuses on specific type of geography

Urban

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Impact:

## Climate Change and Human Health Literature Portal

specification of health effect or disease related to climate change exposure

Malnutrition/Undernutrition

### **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Mitigation

### **Population of Concern:** A focus of content

### **Resource Type:**

format or standard characteristic of resource

Review

### **Resilience:**

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

### **Timescale:**

time period studied

Time Scale Unspecified